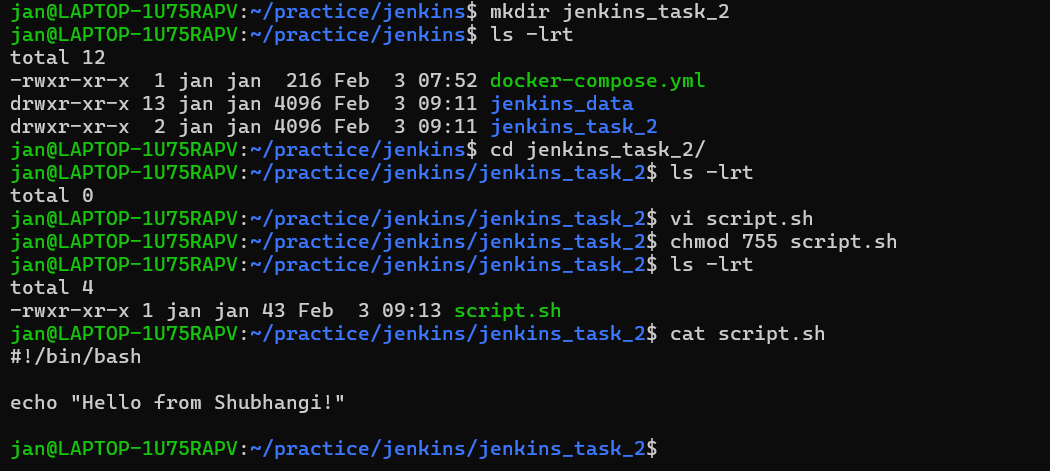
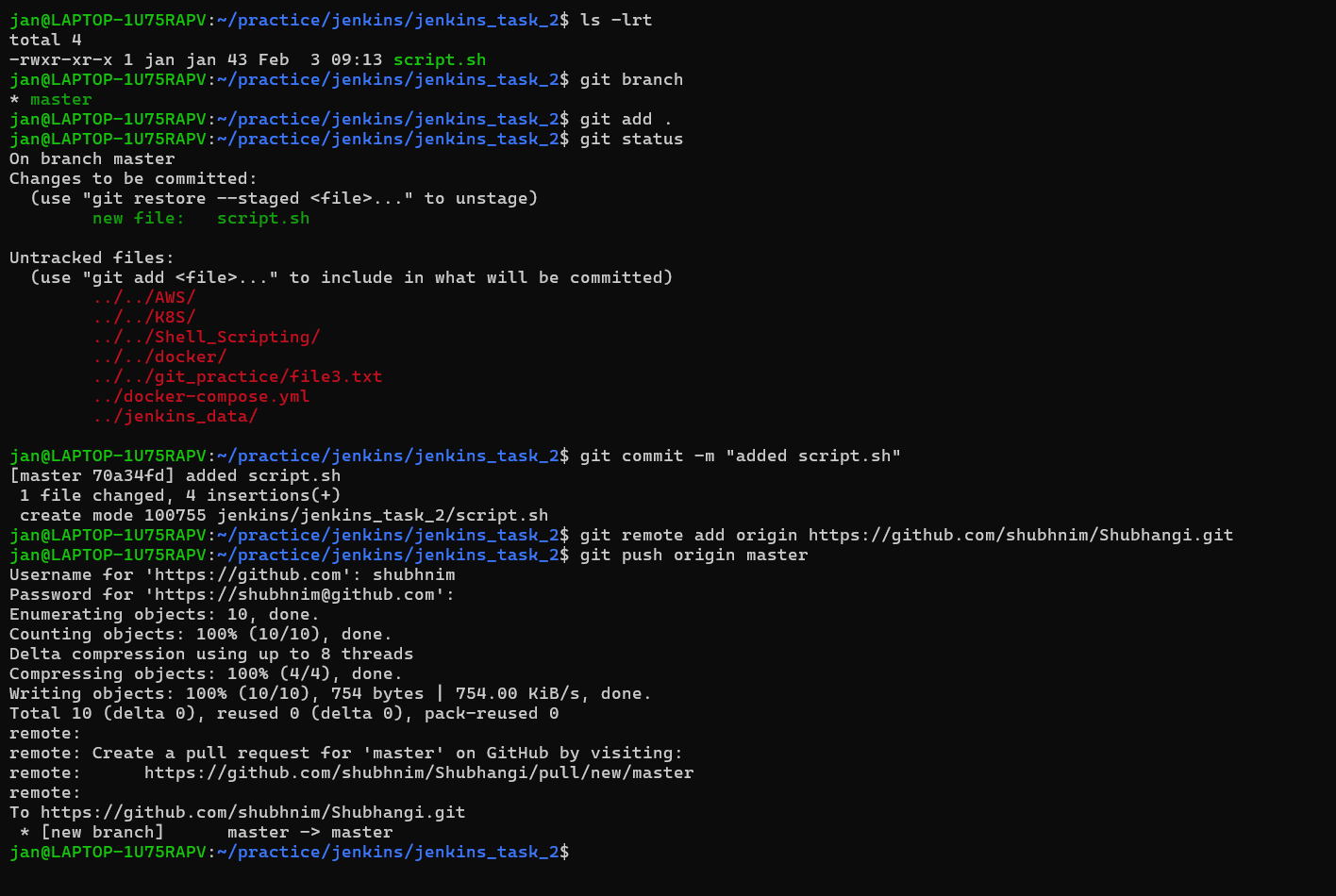
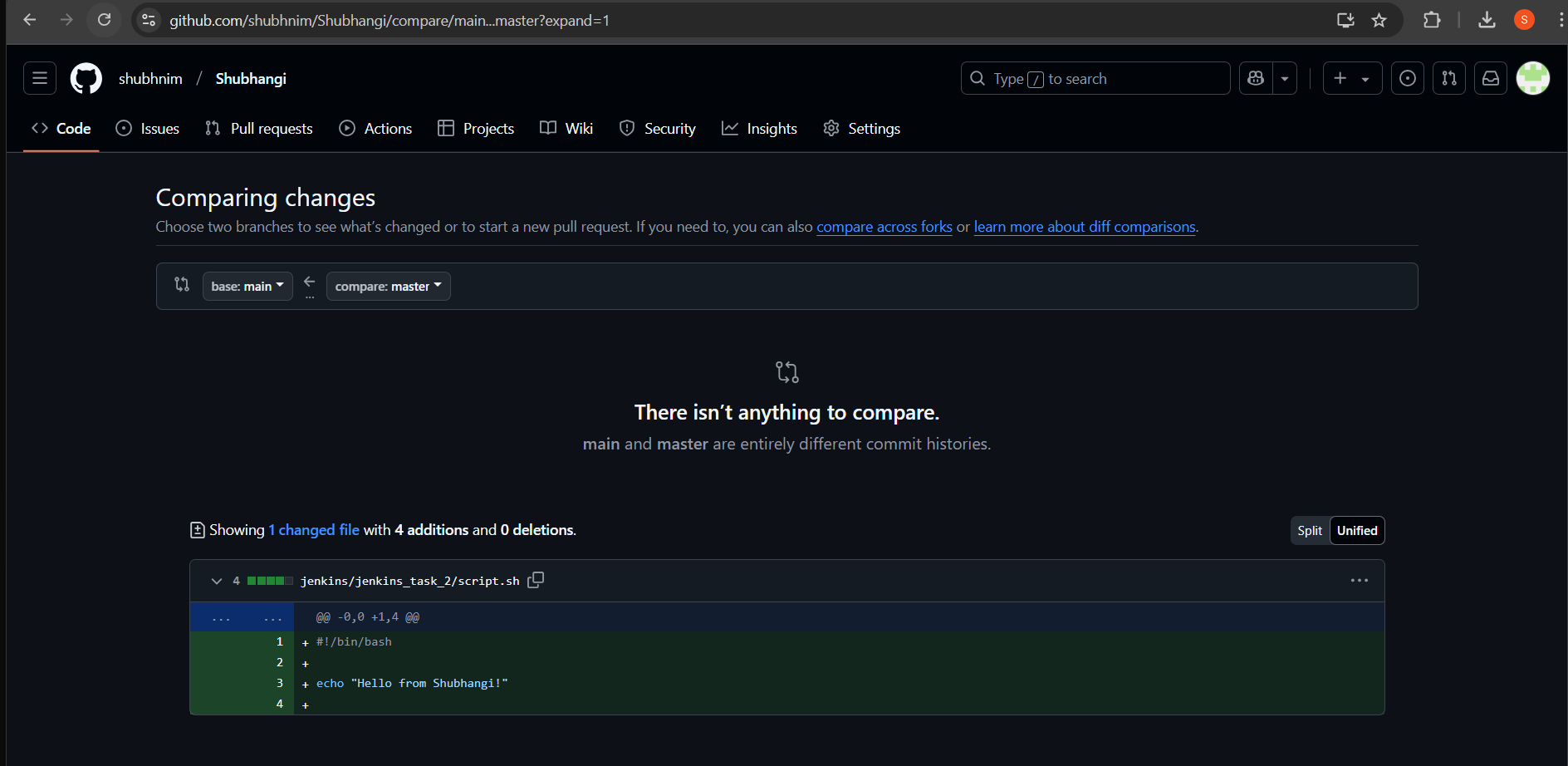
Jenkins Task 2:

Create a simple script file and push it to repo. Create a project in Jenkins connected to your GitHub repository. When a commit is made to your repo, automatically build must get triggered from Jenkins and the output must be shared to me via email.

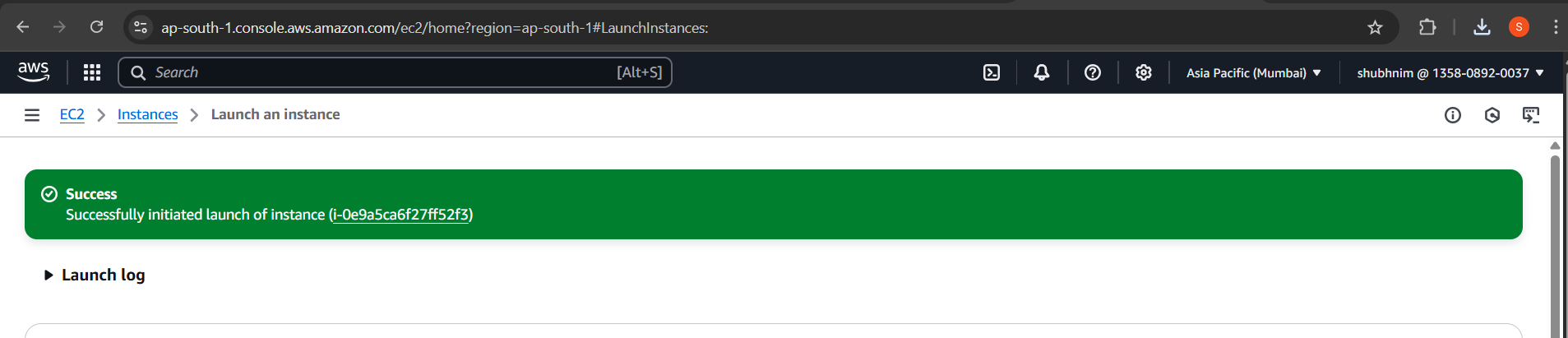
Create a simple script file and push it to a GitHub repository.



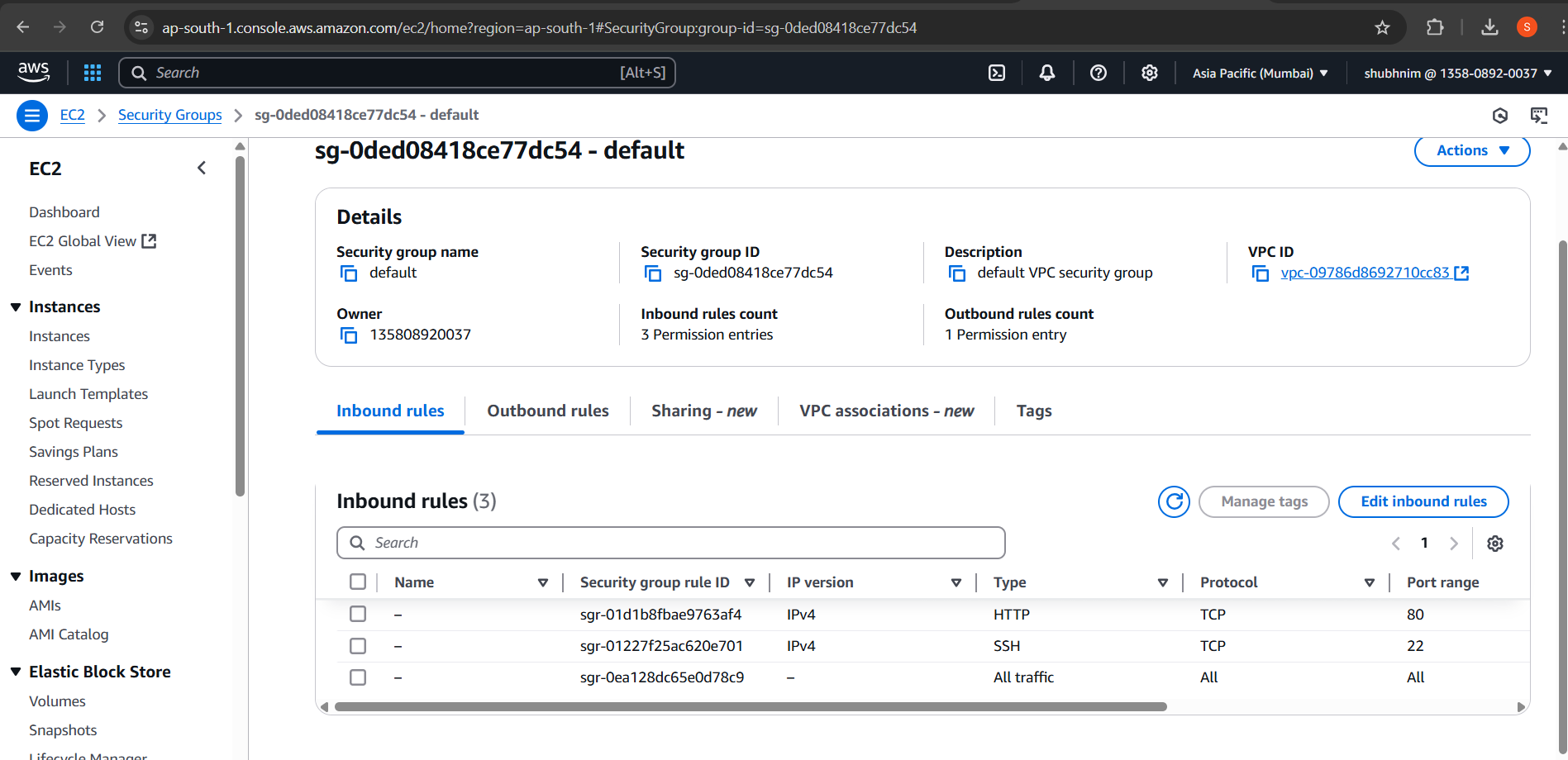




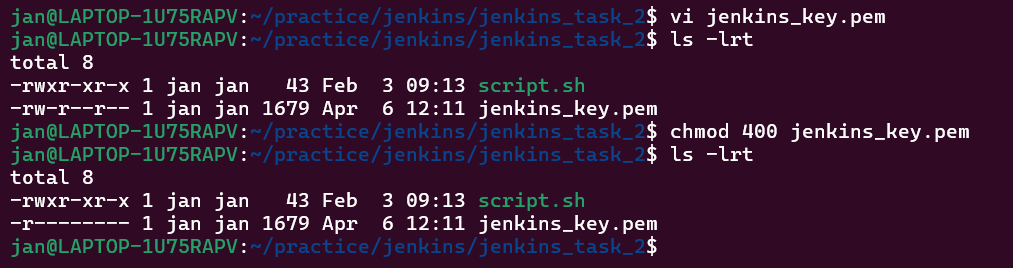
Set Up a Jenkins Project :

EC2 launched:  


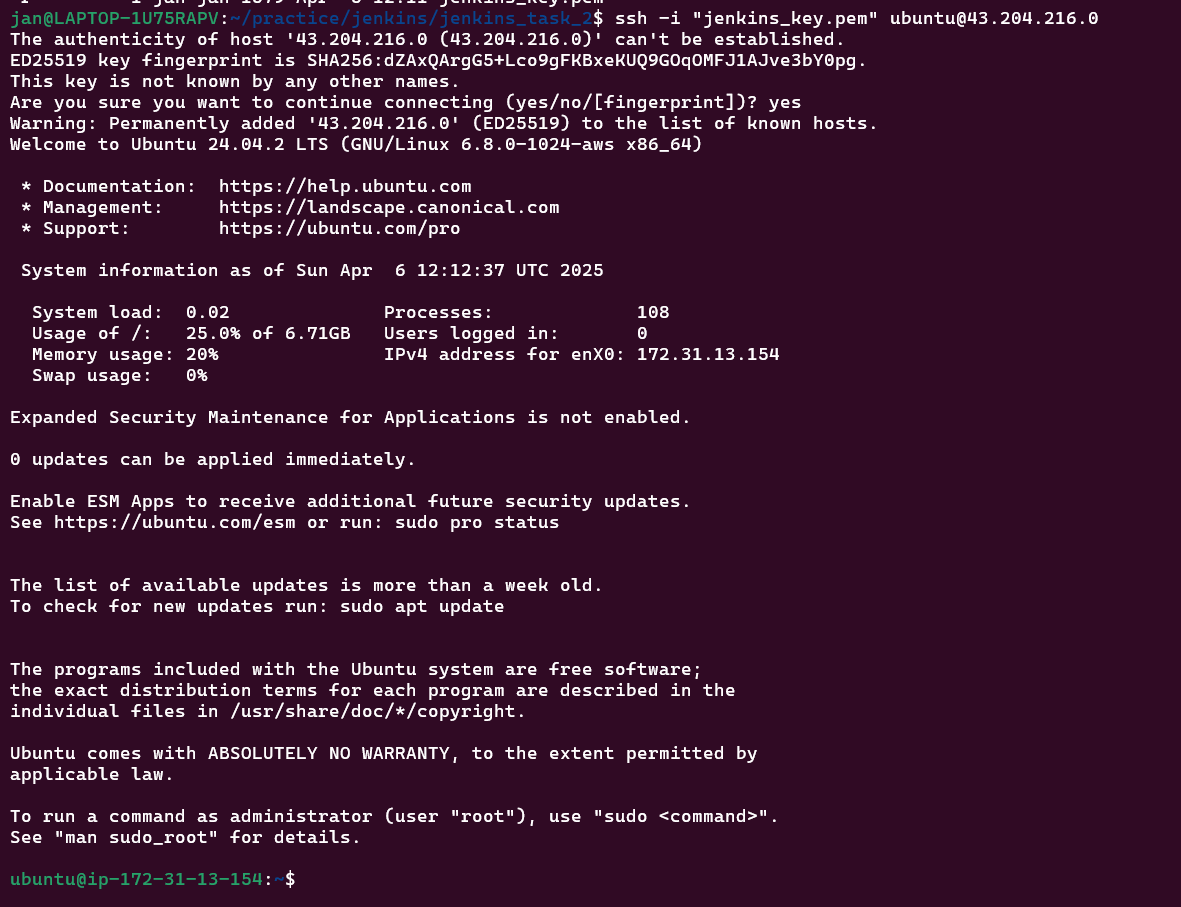
Security group – inbound rules:



Key:



Connect to ec2:

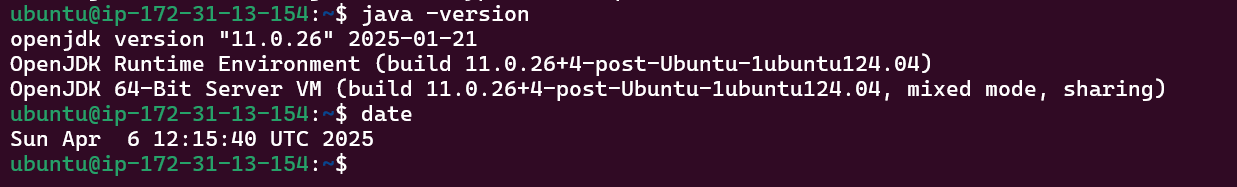


Install Java:

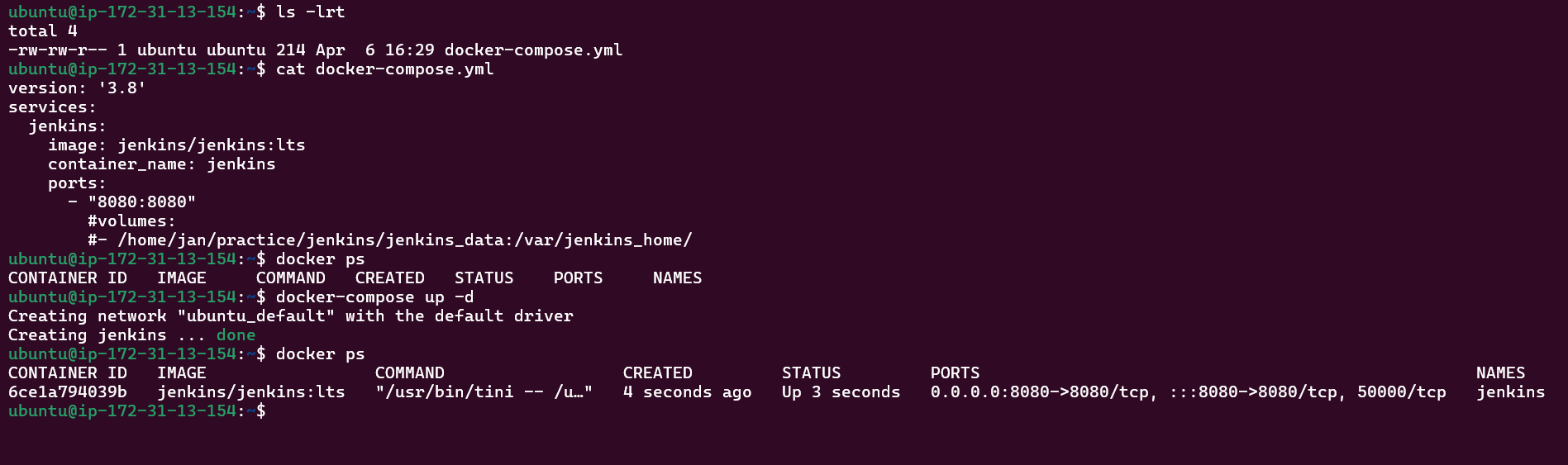
sudo apt update -y

sudo apt install openjdk-11-jdk -y

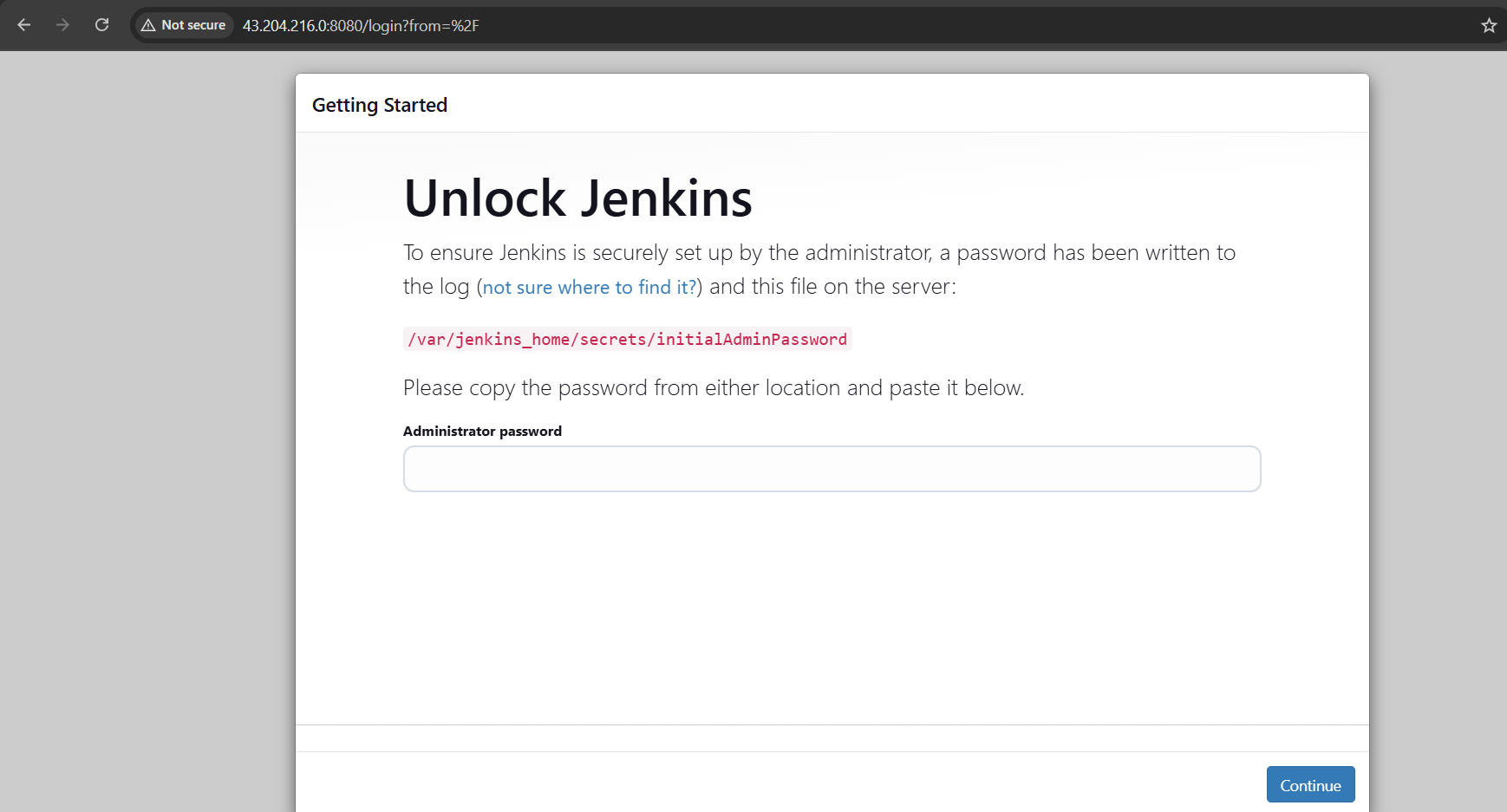
java -version

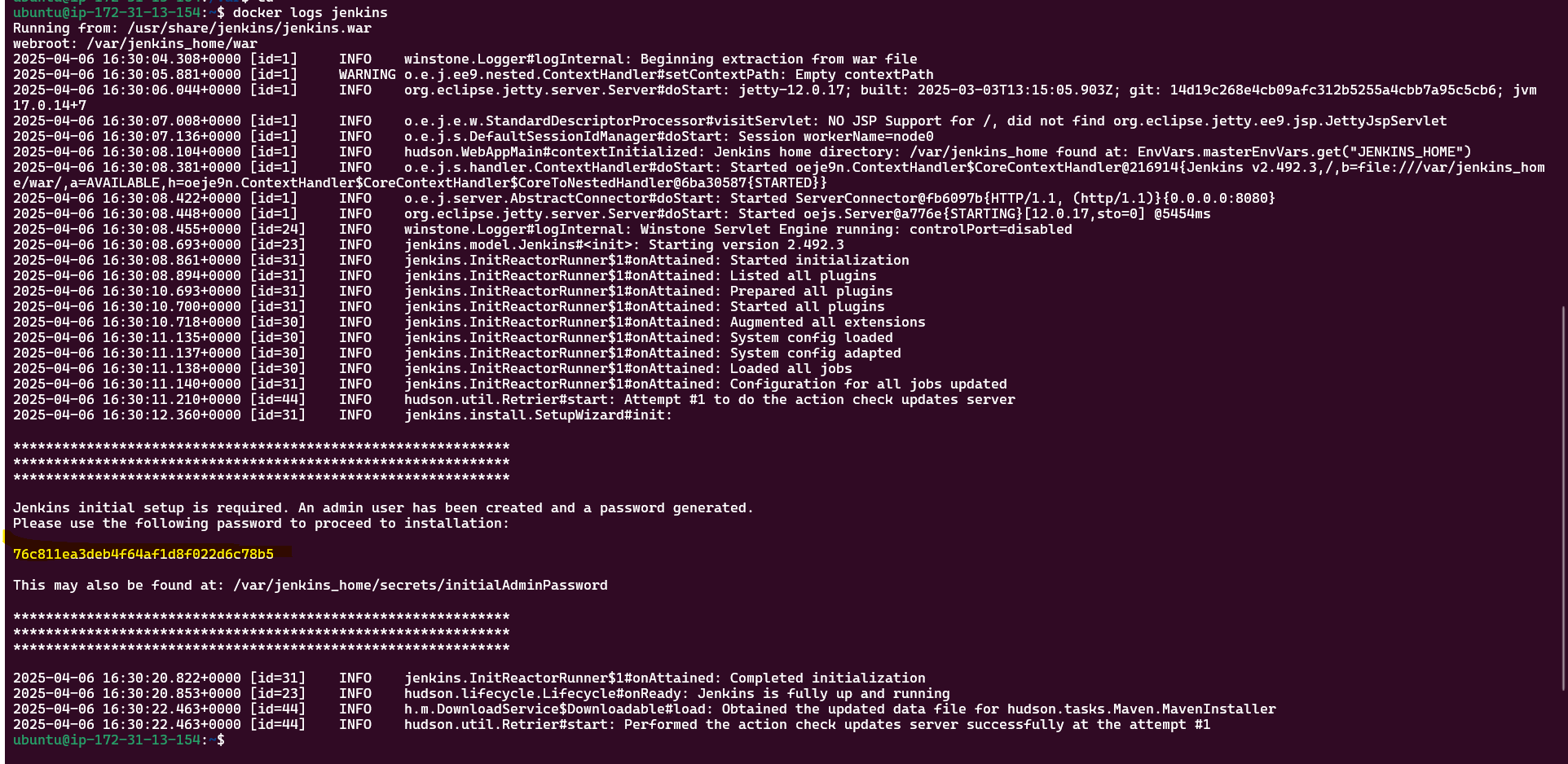


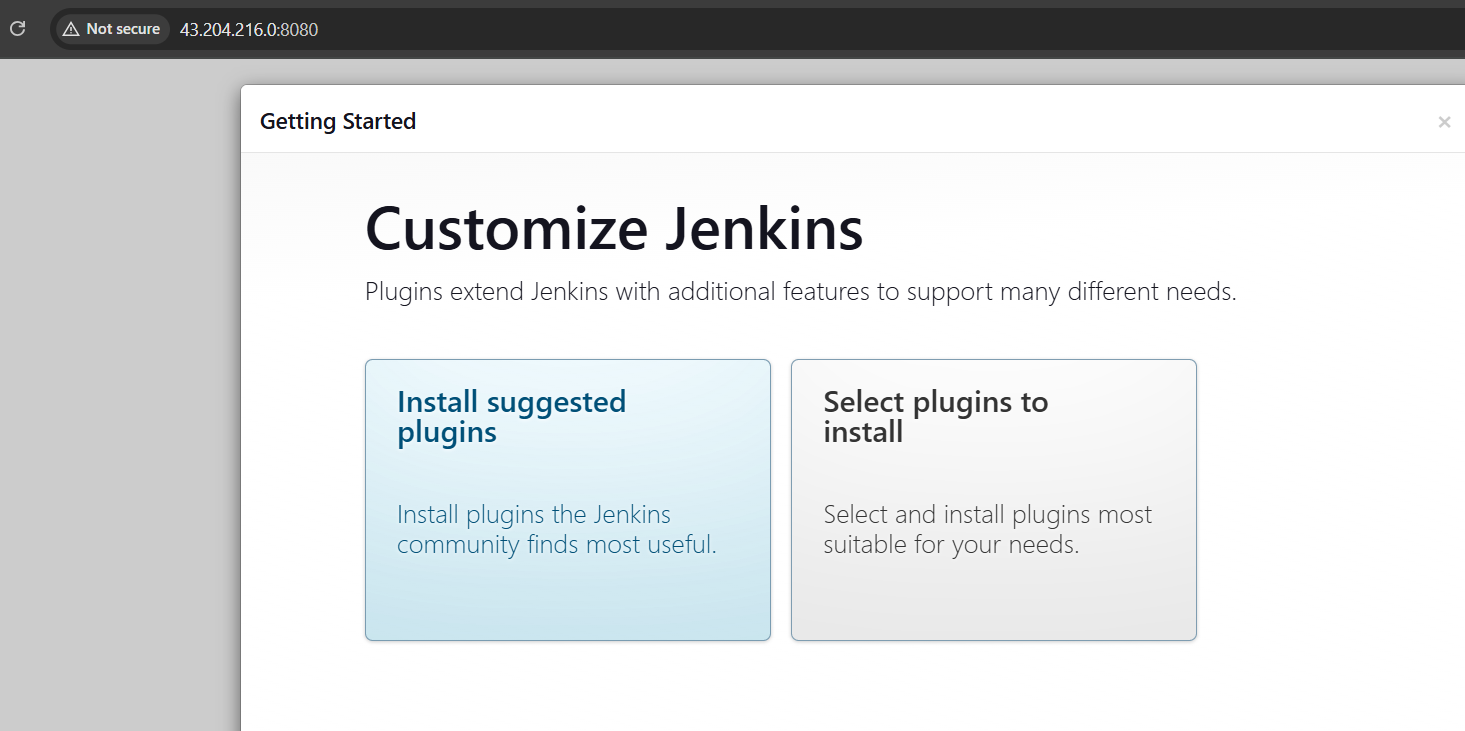
Jenkins setup via docker:

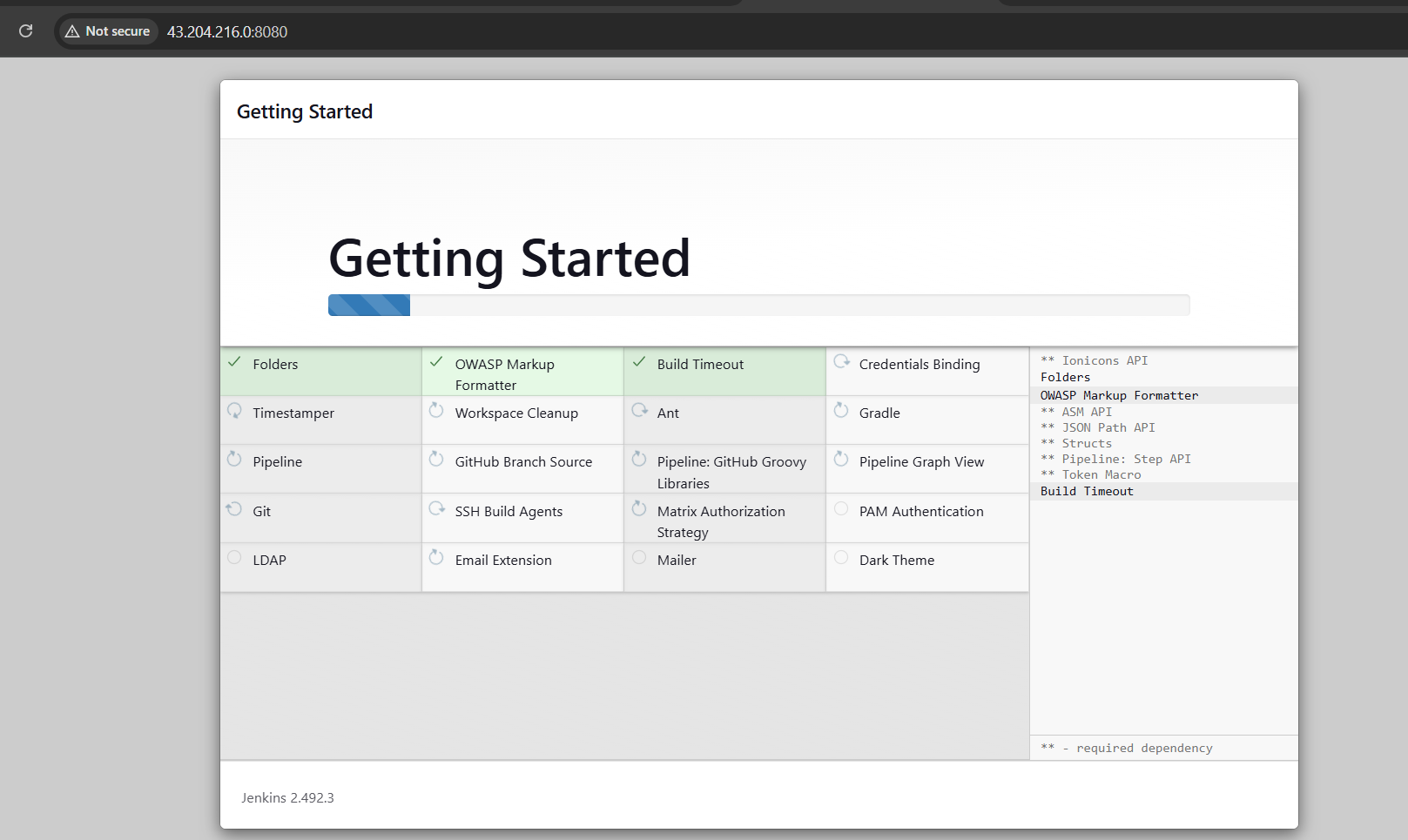


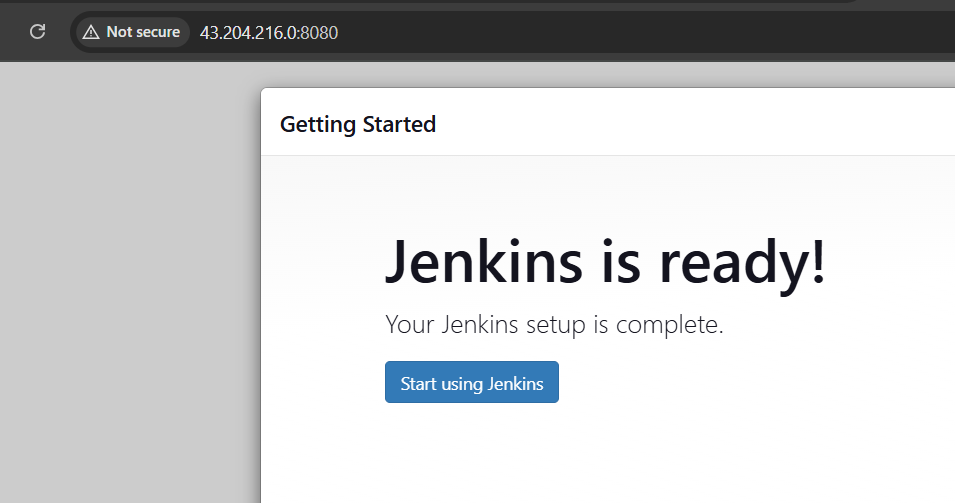
Jenkins instance is up and running:



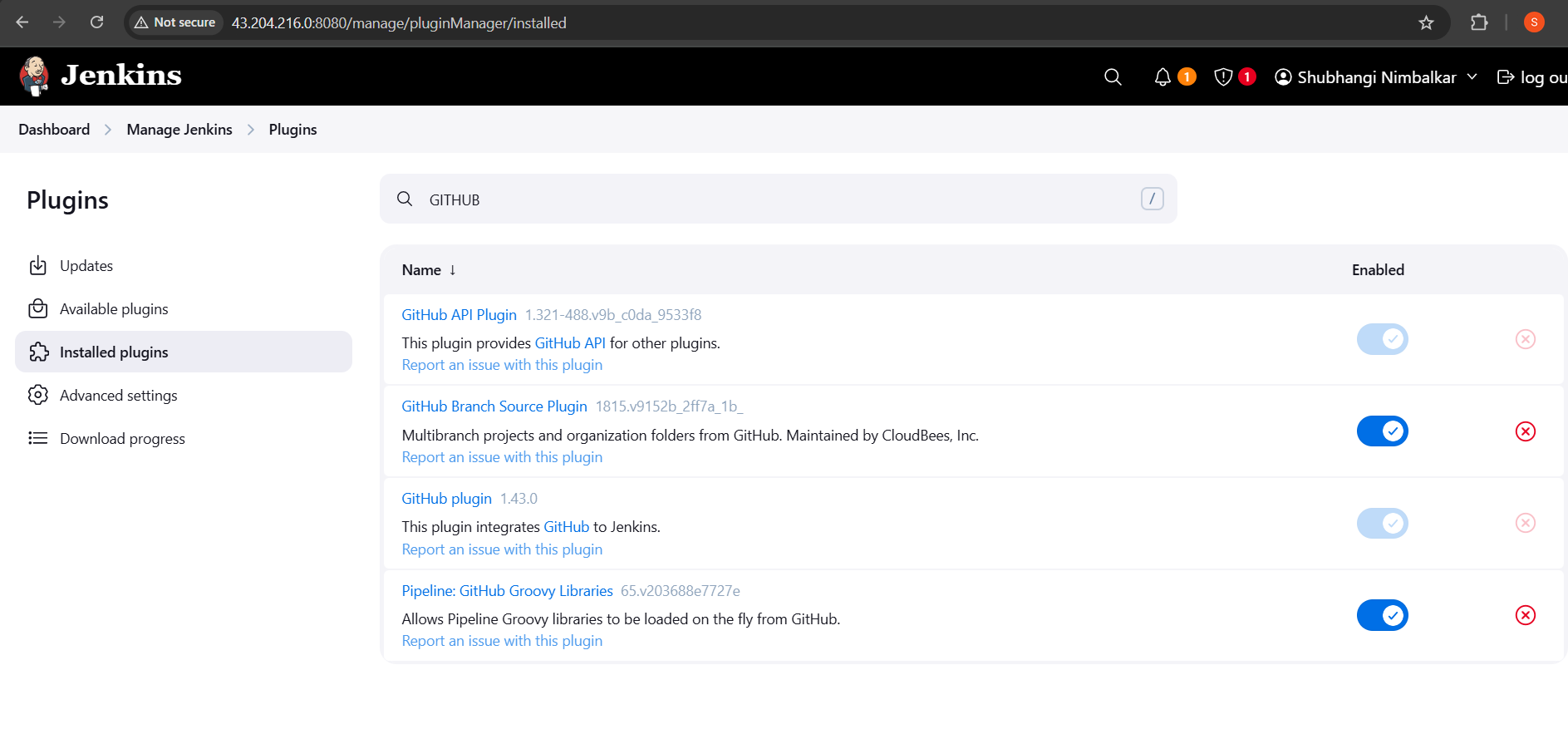


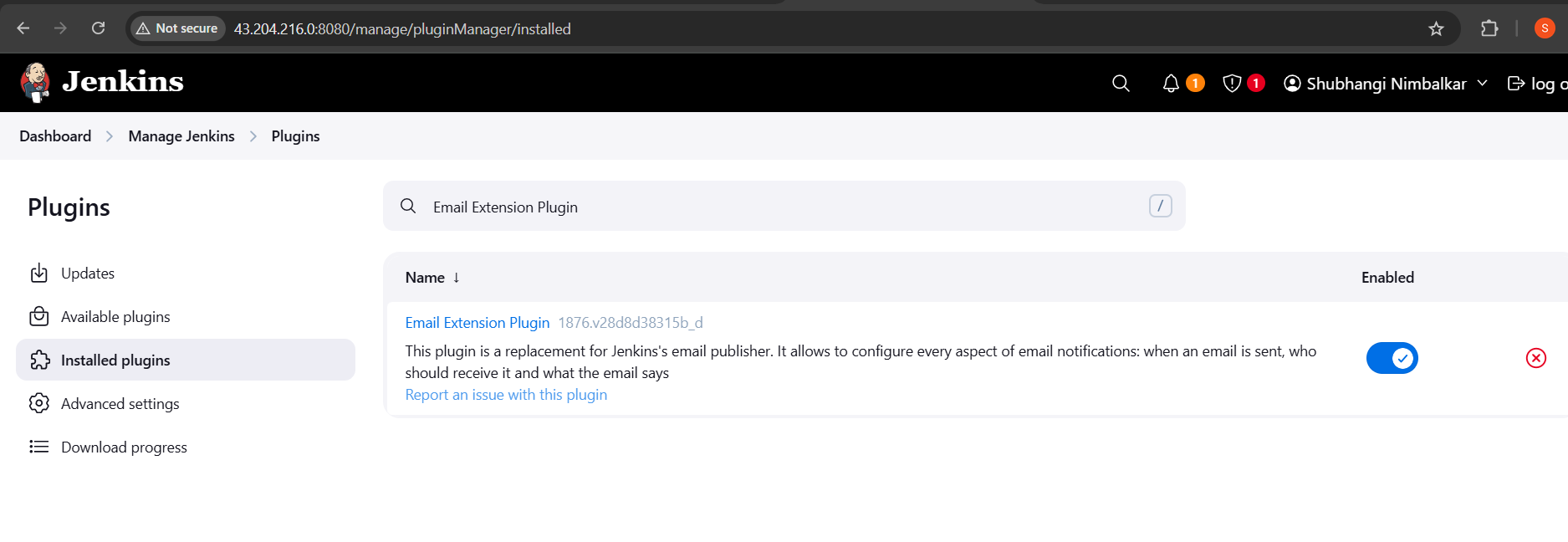






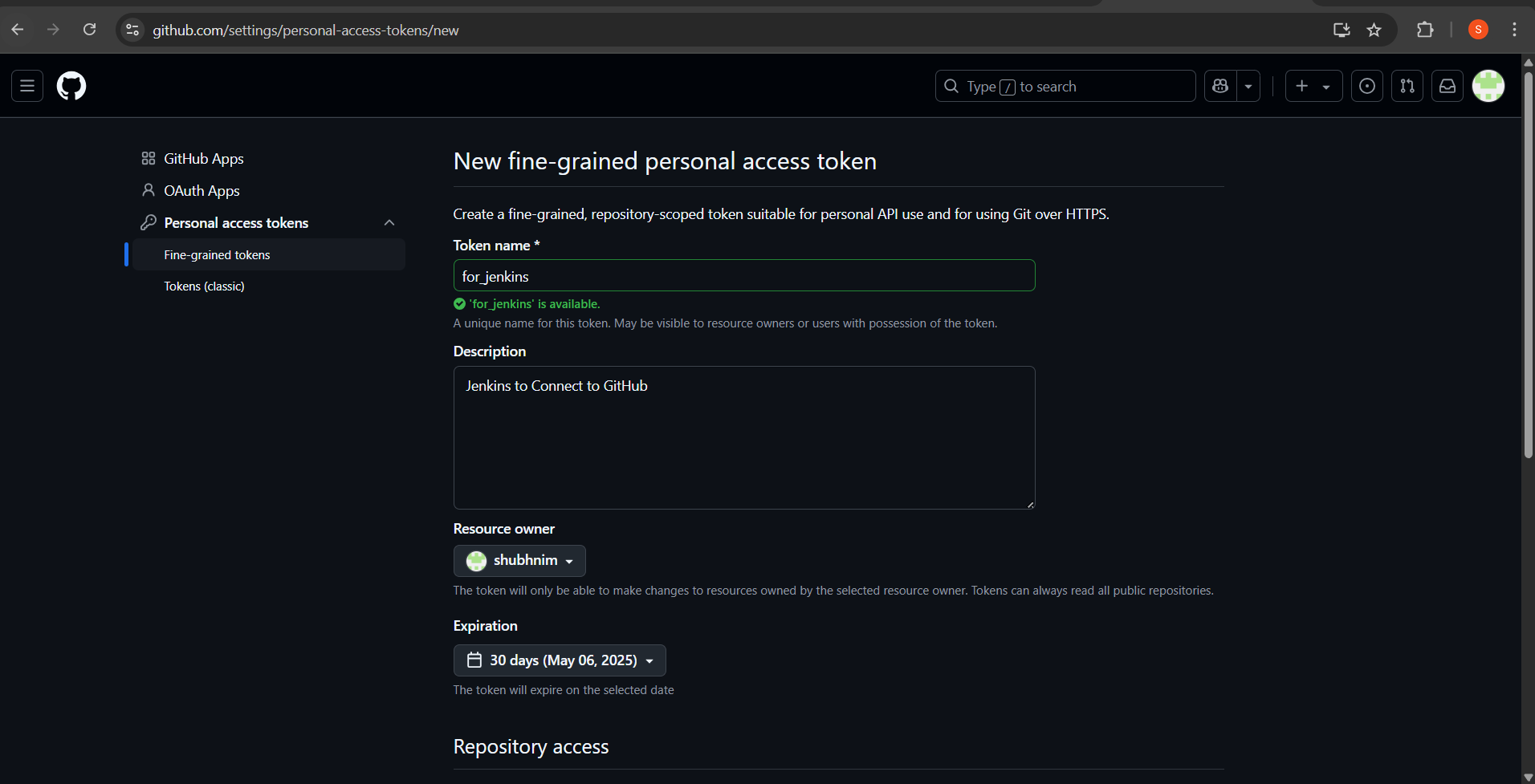
Check for necessary plugins:



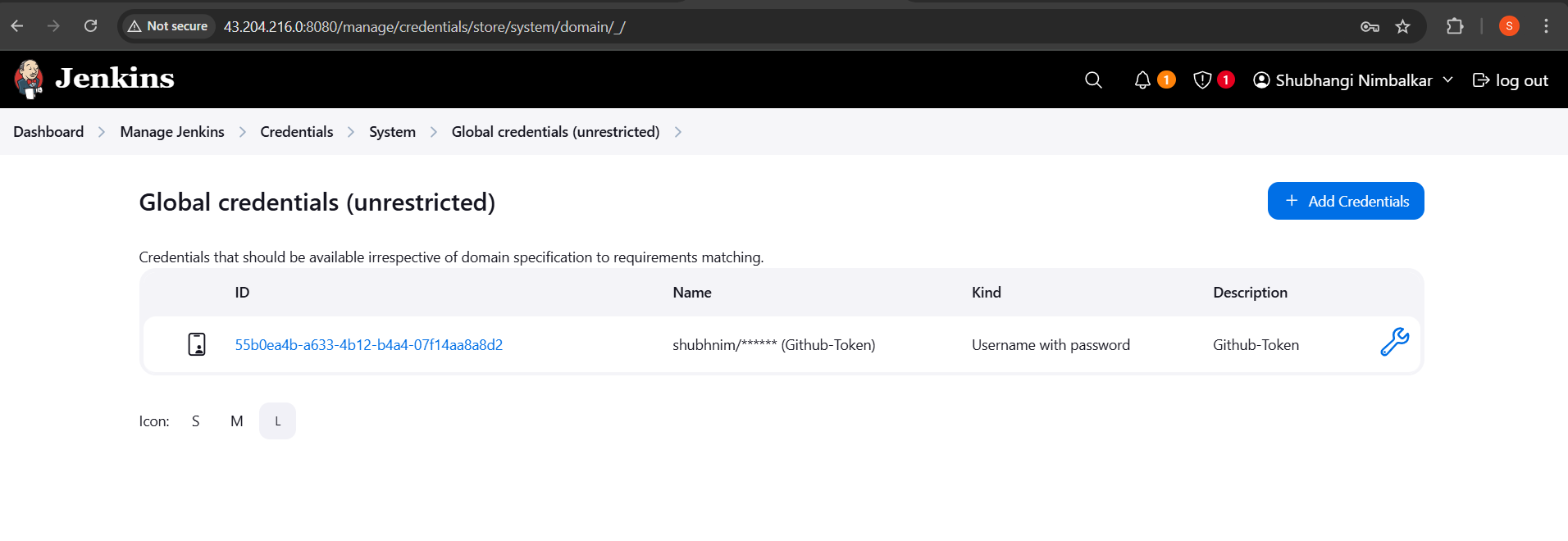


Configure Jenkins to Connect to GitHub:

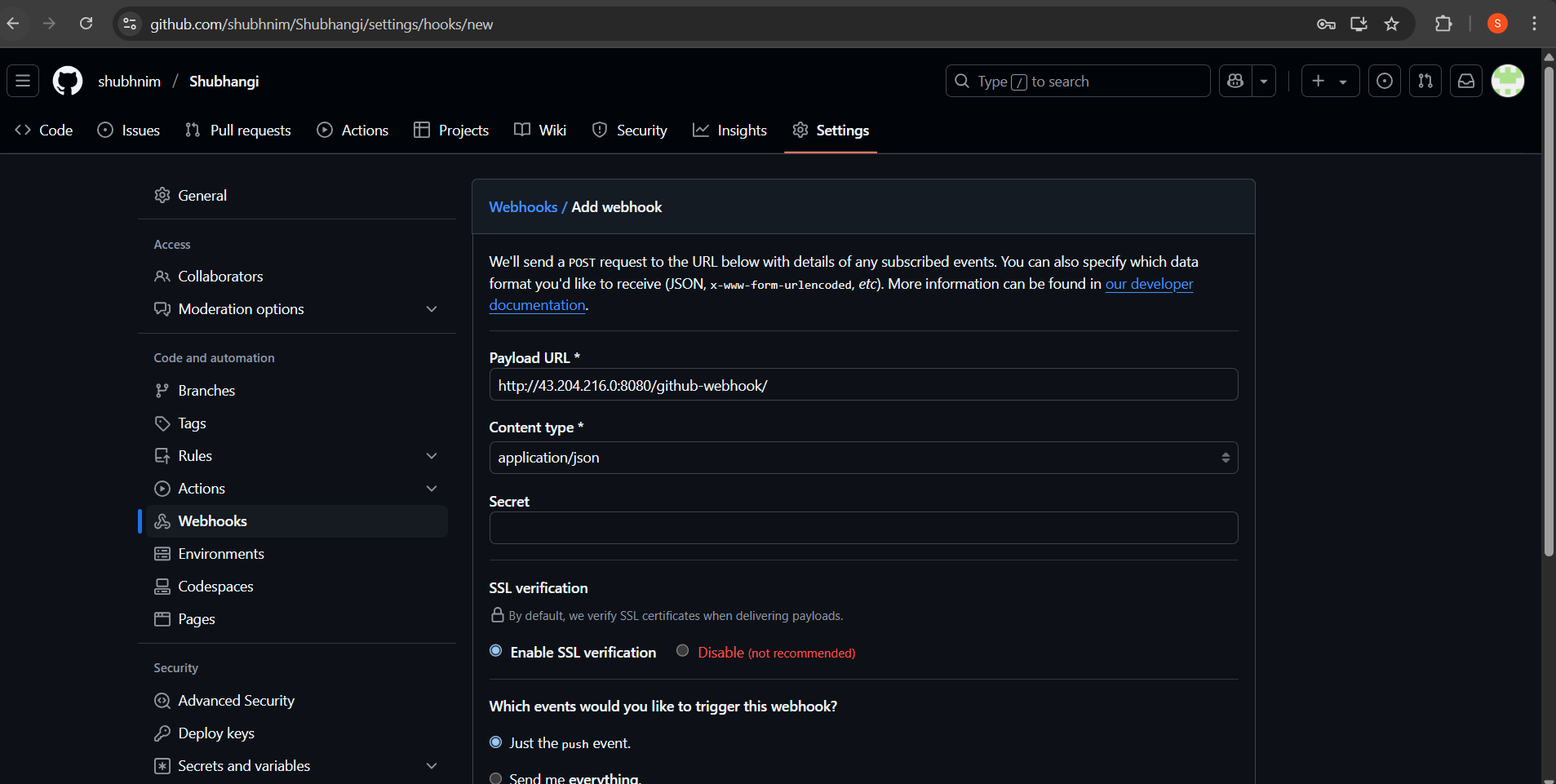
Generate a GitHub Personal Access Token (PAT):

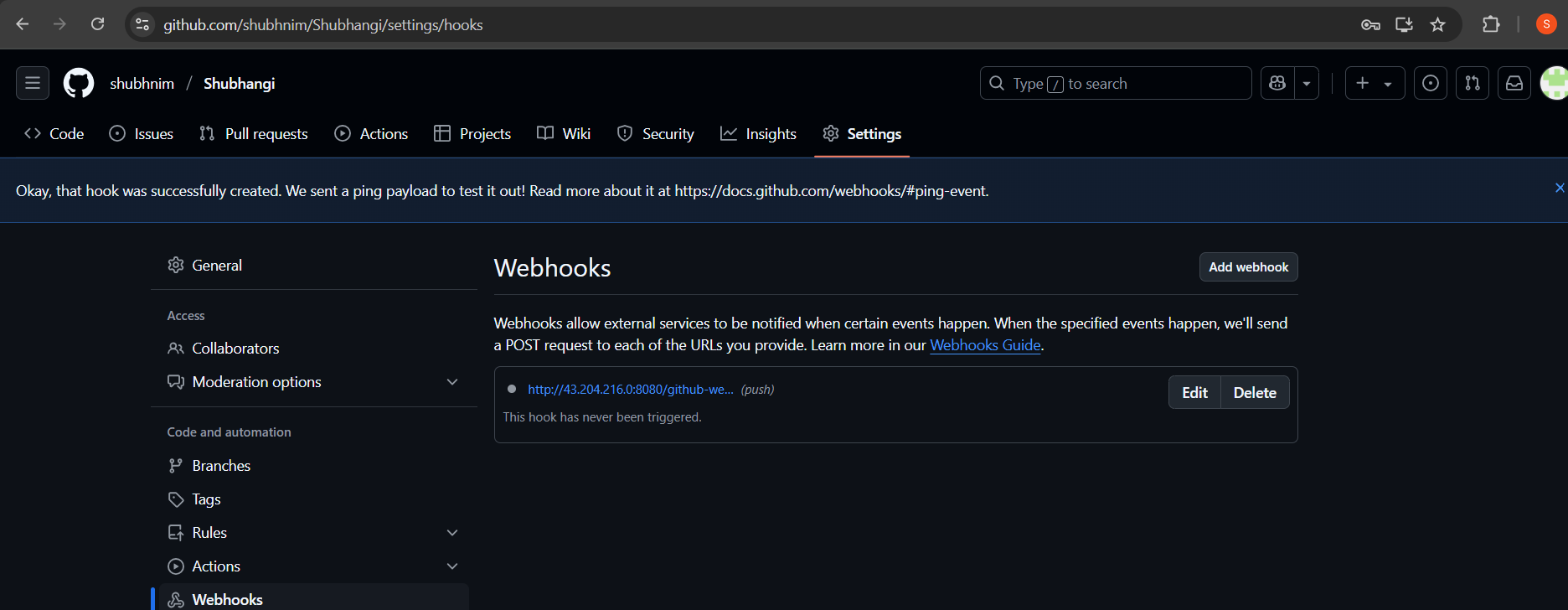


**Add GitHub Credentials to Jenkins:**

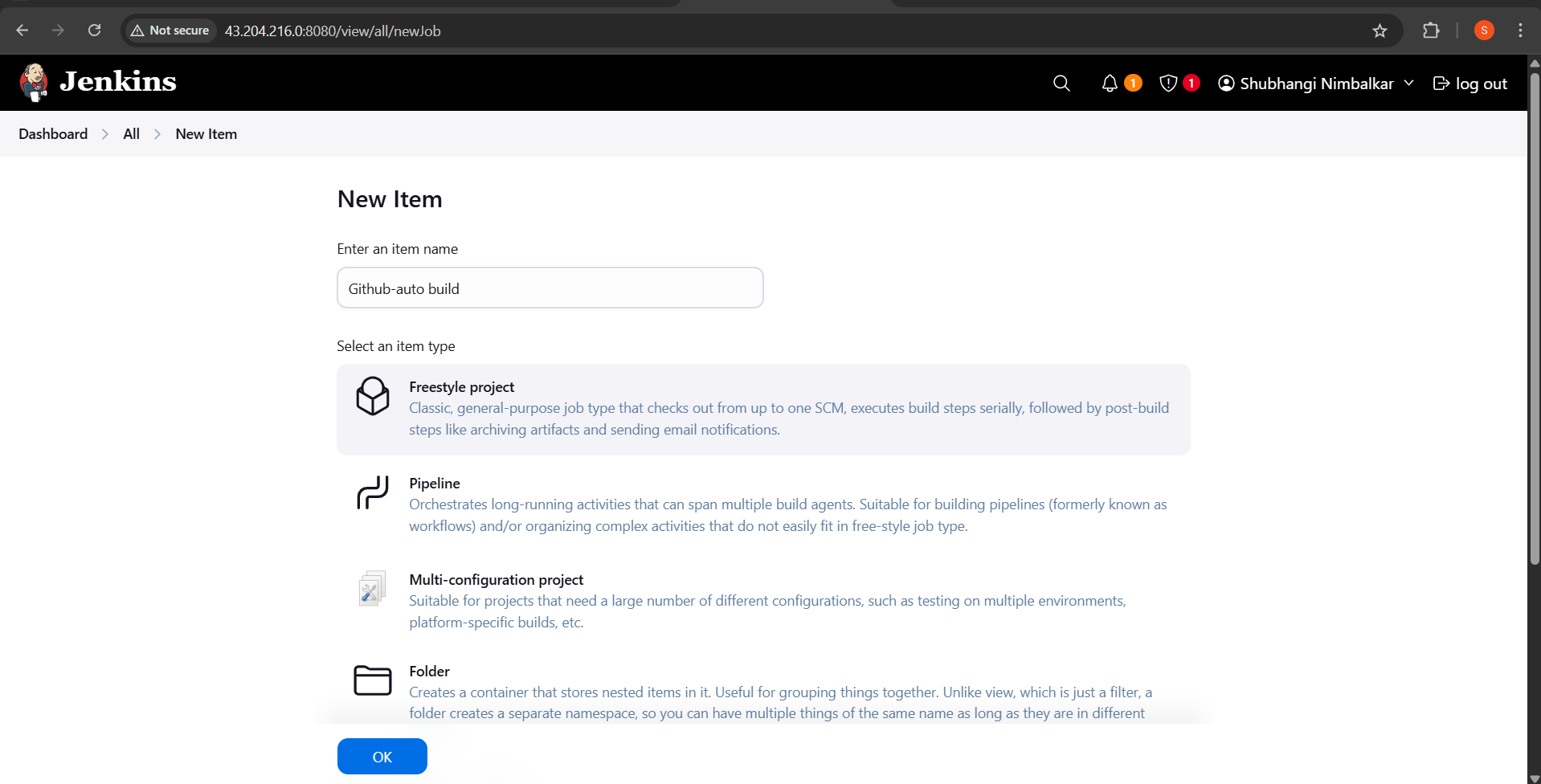
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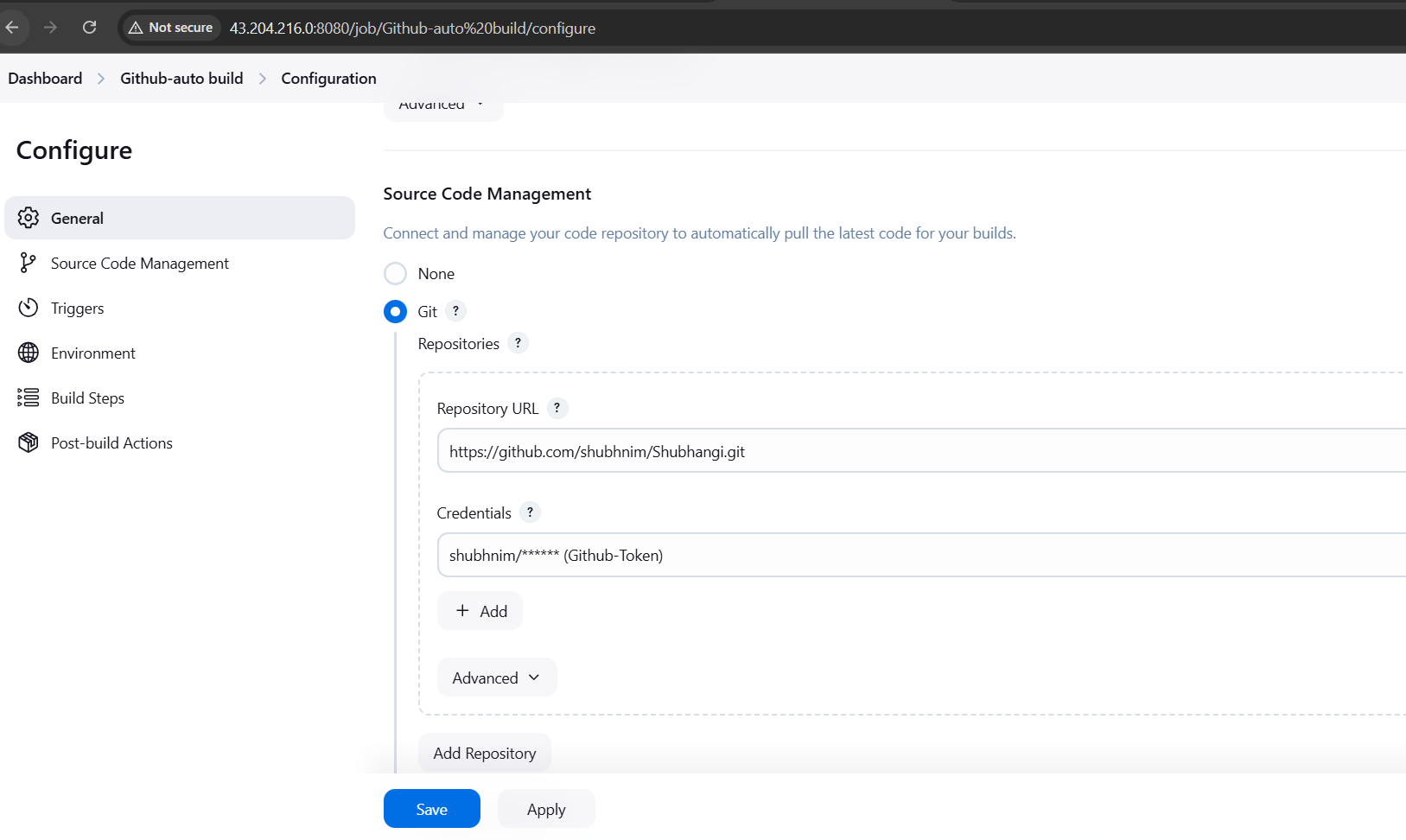
**Configure GitHub Webhook:**

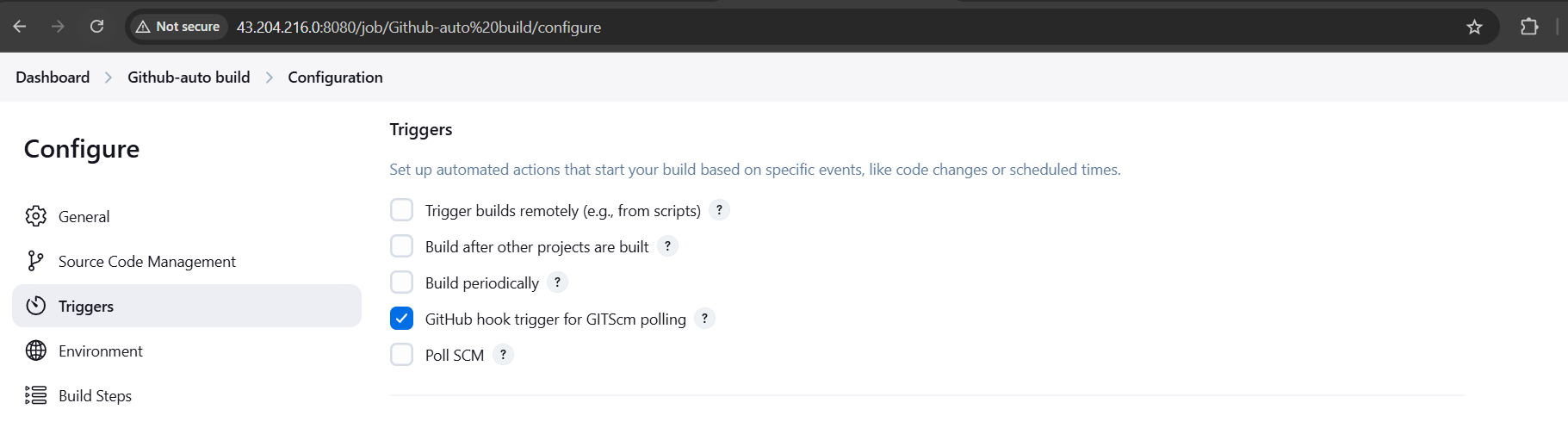
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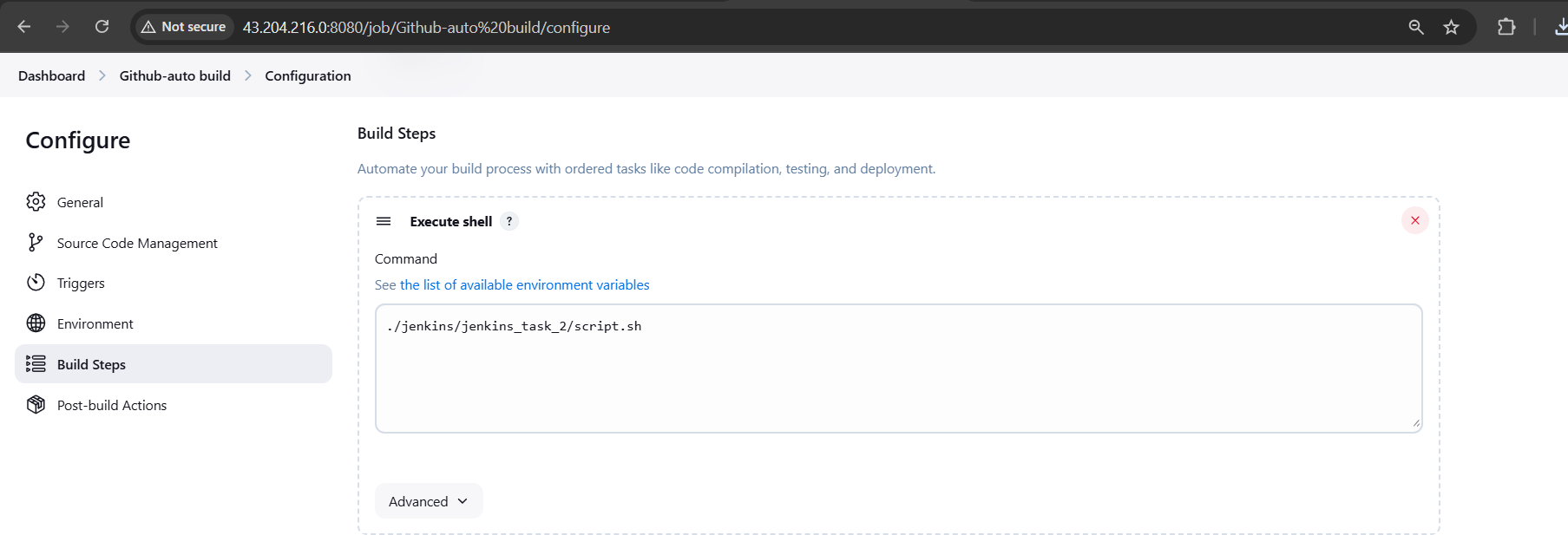
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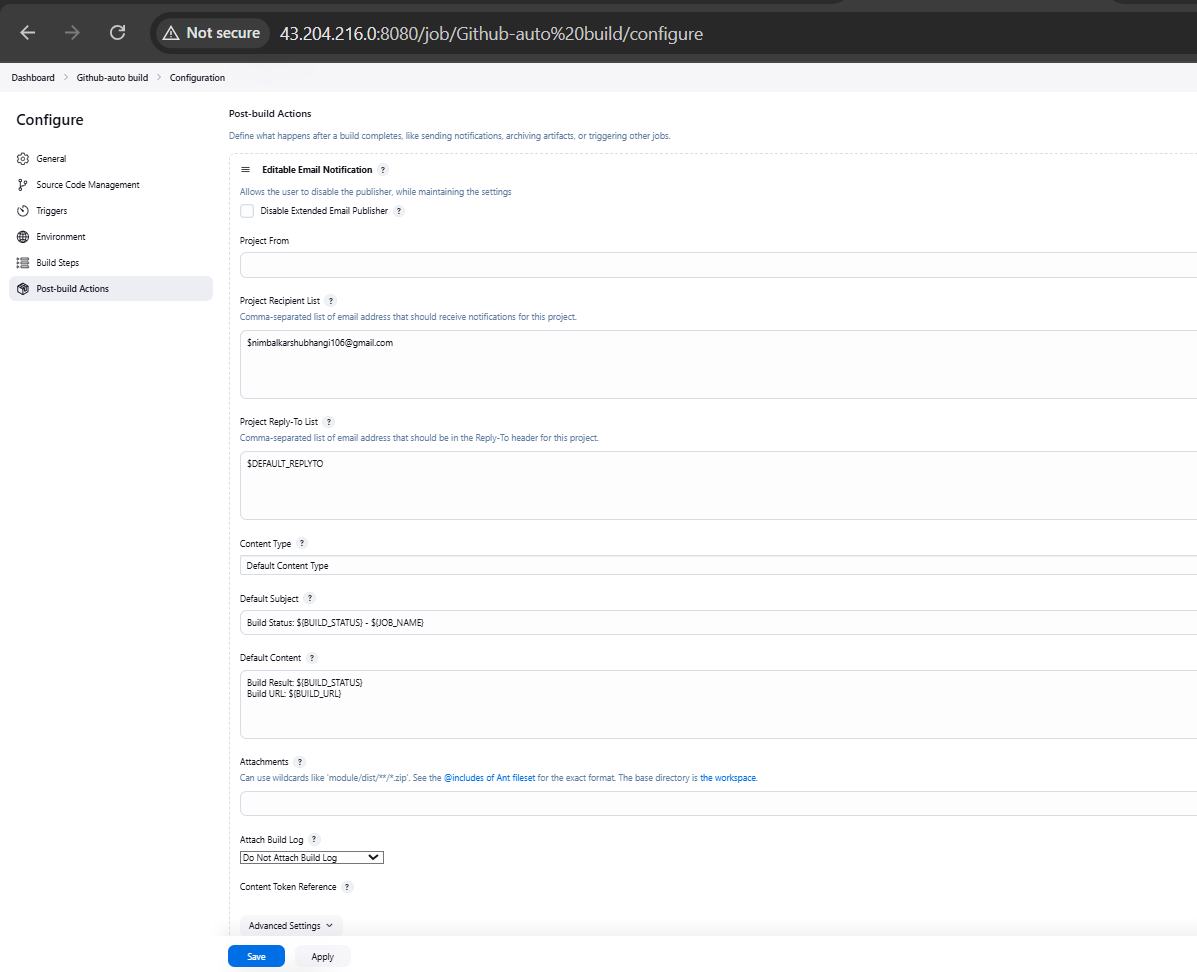
**Create a Jenkins Job to Build from GitHub:**

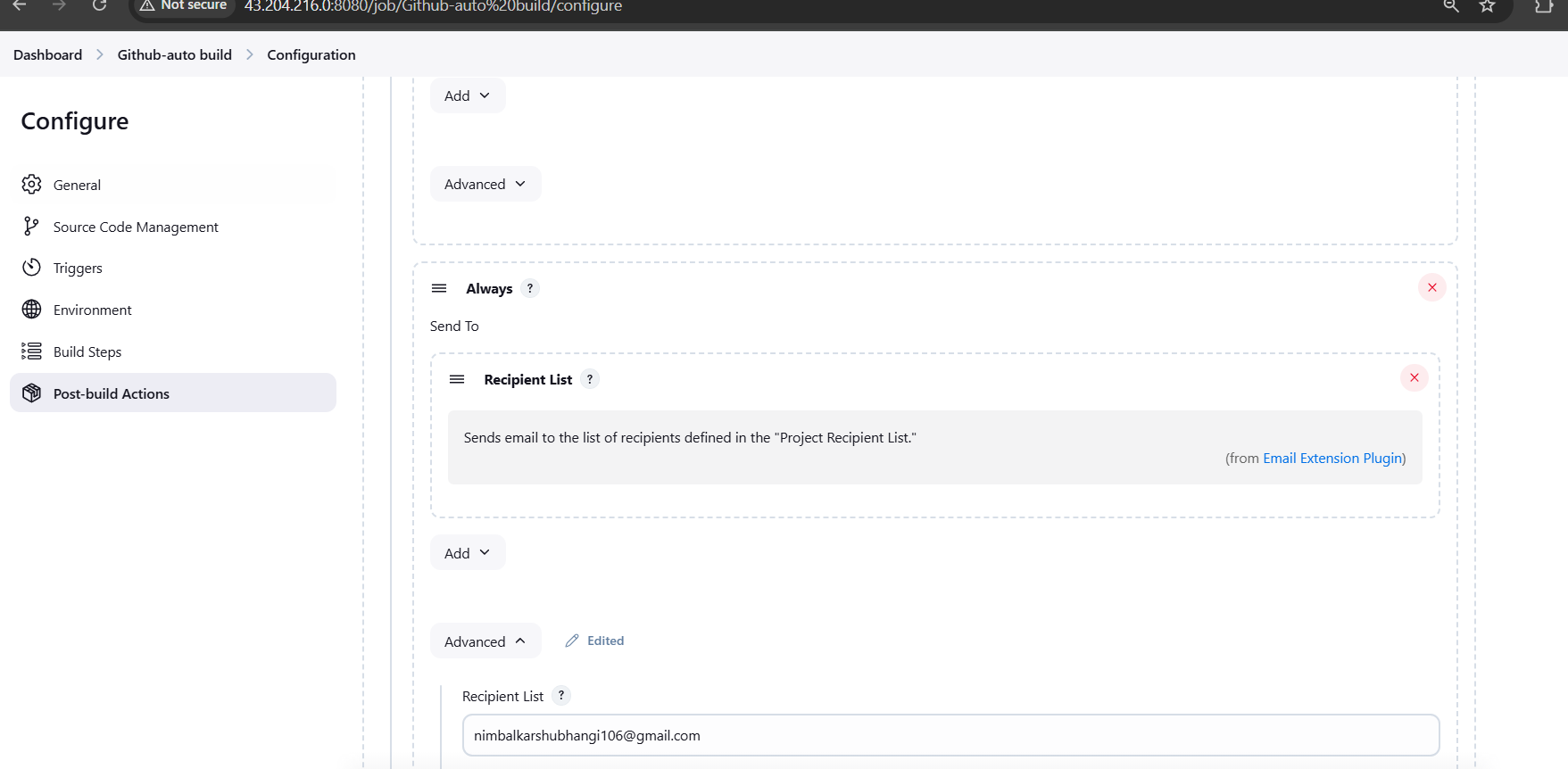


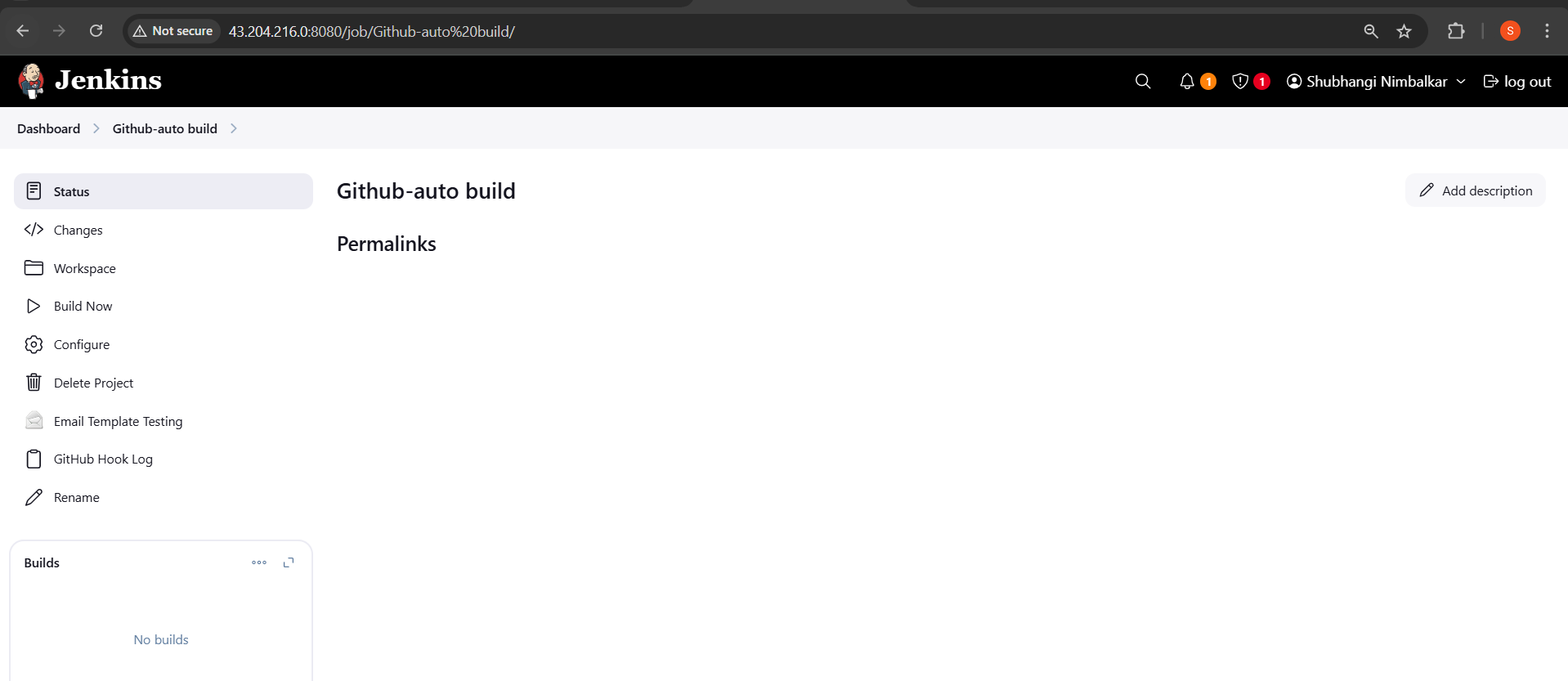




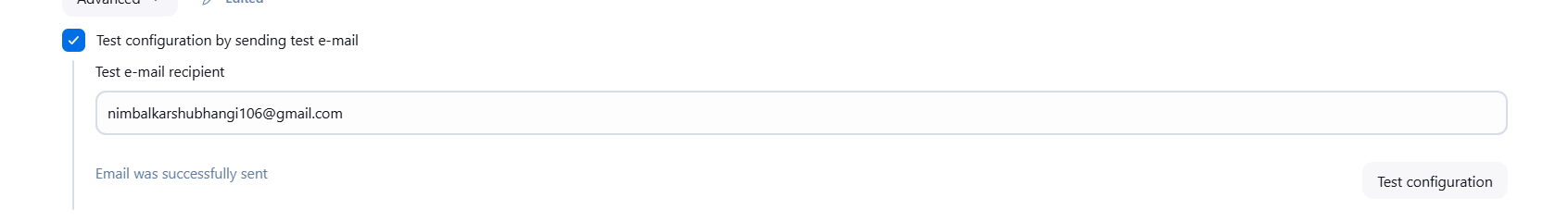








Setup email notification:



Test the Setup:

